

VOLUME 16, 1992

---

# CLINICAL IMAGING

ELSEVIER

---

---

# CLINICAL IMAGING

## Contents

VOLUME 16, NUMBER 1, 1992

---

### REVIEW

- 1 Some Commonly Unrecognized Manifestations of Metabolic Arthropathies**

Mark J. Cobby and William Martel

---

### ORIGINAL ARTICLES

- 15 High Resolution Computed Tomography of Inflation-Fixed Lungs: Pathologic—Radiologic Correlation of Pulmonary Lesions in Patients with Leukemia, Lymphoma, or Other Hematopoietic Proliferative Disorders**  
W. Anthony Lee, Ralph H. Hruban, Janet E. Kuhlman, Elliot K. Fishman, Paul S. Wheeler, and Grover M. Hutchins
- 25 MR Findings in Asymptomatic Shoulders: A Blind Analysis Using Symptomatic Shoulders as Controls**  
Vijay Chandnani, Charles Ho, Judith Gerharter, Christian Neumann, Sevil Kursunoglu-Brahme, David J. Sartoris, and Donald Resnick
- 31 Cervical Fracture in Ankylosing Spondylitis: Value of Multidimensional Imaging**  
Elliot K. Fishman and Donna Magid
- 34 Synovial Osteochondromatosis of the Ankle: MR Findings**  
A. Blandino, L. Salvi, G. Chirico, M. Longo, C. Faranda, P. Romeo, and I. Pandolfo
- 37 MRI Characteristics of Two Cases of Adrenal Ganglioneuromas**  
Alexander D. Serra, Richard B. Rafal, and John A. Markisz
- 40 Post-Traumatic Reactive and Resorptive Lesions of the Medial End of the Clavicle**  
Sara Apter, Majorie Hertz, Moshe Salai, Jacobo Nerubai, and Jose J. Bubis
- 43 The PCL Line: An Indirect Sign of Anterior Cruciate Ligament Injury**  
Mark E. Schweitzer, Vinicio Cervilla, Sevil Kursunoglu-Brahme, and Donald Resnick
- 49 Tumoral Calcinosis Causing Bone Erosion in a Renal Dialysis Patient**  
Carolyn Cidis Meltzer, Elliot K. Fishman, and William W. Scott, Jr.
- 52 Computed Tomography Evaluation of Recurrent Merkel Cell Carcinoma**  
Liston A. Orr, Steven C. Sotile, Barry R. Byram, and B. G. Brogdon
- 55 Imaging of Plantaris Muscle Rupture**  
Jeffrey C. Allard, Josiah Bancroft, and Guy Porter

---

RADIOLOGY-PATHOLOGY CONFERENCE

- 59     An Eight-Week-Old Boy with Left Scrotal Mass**  
Chris Chernesky, Antonio F. Govoni, and Scott Miller

---

BOOK REVIEWS

- 62     Magnetic Resonance Imaging of Children**  
Review by Paula W. Brill and Linda Heier
- Clinical Magnetic Resonance: Imaging and Spectroscopy**  
Review by R. James R. Knowles
- Advances in Radiation Protection**  
Review by Jean St. Germain
- Ultrasound in Gynecology and Obstetrics**  
Review by Ruth Rosenblatt
- MRI of the Shoulder**  
Review by Robert Freiburger

---

ABSTRACTS

- 65     Summaries of Selected Journal Articles**

---

NOTICES

- 70     Radiology Courses and Meetings**

VOLUME 16, NUMBER 2, 1992

---

REVIEW

- 73     Imaging of Common Congenital Anomalies of the Brain and Spine**  
Mauricio Castillo and Rodrigo Dominguez

---

ORIGINAL ARTICLES

- 89     MR Appearance of Radiation Hepatitis**  
David F. Yankelevitz, Pamela H. Knapp, Claudia I. Henschke, Lourdes Nisce, Yun Yi, and Patrick Cahill
- 93     MR of Craniocerebral Hemiatrophy**  
R. Nuri Sener and J. Randy Jinkins
- 98     MR Imaging of Hepatic Plasmacytoma: A Case Report**  
Ba D. Nguyen, Nilima Dash, and Anthony R. Lupetin
- 102    CT in Adrenal Enlargement Due to Tuberculosis: A Review of Literature with Five New Cases**  
Tarvinder Bir Singh Buxi, Rakesh Bal Vohra, Sujatha, Shrishti Paul Byotra, Sushant Mukherji, and Mathew Daniel
- 109    CT Fluid Bronchogram: Observation in Postobstructive Pulmonary Consolidation**  
Myung S. Shin and Kang-Jey Ho

- 114 CT Manifestations of Infectious Mononucleosis**  
Alan J. Garten, David S. Mendelson, and Kathleen P. Halton
- 117 Bamboo Foreign Bodies in Lung Parenchyma: CT Features**  
Hajime Nakata, Kanji Egashira, Katsumi Nakamura, Kuniaki Hayashi,  
and Masakazu Mori
- 121 Retroperitoneal Schwannomas Simulating Adrenal Tumors**  
Soya Maeshima, Hironobu Nakamura, Masanori Nishikawa,  
Takamichi Murakami, Takashi Mitani, Taro Marukawa,  
Shinichi Hori, Takahiro Kozuka, and Masahiro Irimoto
- 125 Solitary Pulmonary Nodule in Secondary Syphilis**  
John V. Cholankeril, Alan-Lin Greenberg, Hussein M. Matari,  
Michelle R. Reisner, and Abraham Obuchowski
- 129 Posttraumatic Renal Infarction Versus Tumor: A Helpful  
Angiographic Finding**  
Theodore T. Miller, Patricia E. Cole, John T. Ellis, Elias Kazam, and  
Thomas A. Sos

---

RADIOLOGY-PATHOLOGY CONFERENCE

- 134 A 51-Year-Old Woman and Right Nasal Obstruction**  
Robert Ernst and Antonio F. Govoni

---

BOOK REVIEWS

- 137 Advances in Gastrointestinal Radiology, Volume 1**  
Reviewed by David A. Wojtasek
- Abdominal Sonography**  
Reviewed by Yong Ho Auh

---

ABSTRACTS

- 138 Summaries of Selected Journal Articles**

---

NOTICES

- 144 Radiology Courses and Meetings**

VOLUME 16, NUMBER 3, 1992

---

REVIEWS

- 145 Human Immunodeficiency Virus Infection in Children**  
David A. Dowe, E. Robert Heitzman, and Jeffrey J. Larkin
- 152 MRA Review**  
H. Bosmans, G. Marchal, P. Van Hecke, and P. Vanhoenacker

---

ORIGINAL ARTICLES

- 168 Ossified Soft Tissue Recurrence of Giant Cell Tumor of Bone**  
Shigeru Ehara, Jun Nishida, Masataka Abe, Yasushi Kawata,  
Haruki Saitoh, and Susan V. Kattapuram



- 172 **Inferior Mesenteric Artery Branch Avulsion from Blunt Trauma—CT Findings: Case Report**  
Mary Olson, Harold Posniak, and Gilberto Gomes
- 175 **Giant Pseudoaneurysm of the Hepatic Artery—CT Demonstration: Case Report**  
Scott J. Savader, Barbara L. Savader, Elliot K. Fishman, Anthony C. Venbrux, Thomas B. Fletcher, and Floyd A. Osterman, Jr.
- 180 **Hemopericardium Leading to Cardiac Tamponade in the Traumatized Pediatric Patient: Discovery by CT**  
Kathryn M. Frantz and Elliot K. Fishman
- 183 **Inflammatory Breast Cancer: CT Evaluation**  
Geraldine T. Mogavero, Elliot K. Fishman, and Janet E. Kuhlman
- 187 **Extraadrenal Pheochromocytoma: Dynamic Demonstration at 0.5 Tesla**  
Tomoaki Ichikawa, Hajime Fujimoto, Koji Murakami, Naoki Ishikawa, Jun Itami, and Noboru Arimizu
- 190 **Inspissated Bile within the Common Bile Duct Simulating Cholangiocarcinoma: Case Report**  
Perry S. Gerard, Richard Siegmann, Joel Albert, and Ellen Wetter
- 194 **Leiomyoblastoma: Varied CT Appearance**  
Marilyn E. Lerner, Jack Farman, Kay Cho, Ira Tyler, and David Mullen
- 198 **Thyroid Cyst Mistaken for Carotid Pseudoaneurysm by MR Angiography: Case Report**  
Charles M. Anderson, Gretchen A.W. Gooding, and Ralph E. Lee
- 201 **Seminoma of the Testis Presenting as an Ulcerating Mass of the Duodenum**  
Theodore T. Miller, David S. Mendelson, Li-Teh Wu, and Kathleen P. Halton

---

RADIOLOGY-PATHOLOGY CONFERENCE

- 204 **A 27-Year-Old Woman with Gradual Unilateral Loss of Vision of One Year's Duration**  
Richard S. Jennis, Antonio F. Govoni, and Kathleen Whitney

---

BOOK REVIEWS

- 209 **Atlas of Normal Fetal Ultrasonographic Anatomy, 2nd Edition**  
Review by Ruth Rosenblatt
- Handbook of Neuroradiology**  
Review by Gerard A. Compito
- Nuclear Medicine in Gastroenterology**  
Review by Barbara Binkert
- Atlas of Normal Roentgen Variants That May Simulate Disease, 5th Edition**  
Review by David B. Hayt
- Current Practice of Interventional Radiology**  
Review by David Trost
- Basic Doppler Physics**  
Review by R. James R. Knowles

## **Cardiovascular Magnetic Resonance Imaging**

Review by Ludovico Dalla Palma

## **Peripheral Vascular Imaging and Intervention**

Review by Neil Khilnani

## **Handbook of Gastrointestinal and Genitourinary Radiology**

Review by Stanley Schatzman

---

### ABSTRACTS

- 214**     **Summaries of Selected Journal Articles**

---

### NOTICES

- 220**     **Radiology Courses and Meetings**

VOLUME 16, NUMBER 4, 1992

---

### REVIEW

- 221**     **Radiology of the Pleural Fissures**  
R.M. Sofranik, B.H. Gross, and D.L. Spizarny

---

### ORIGINAL ARTICLES

- 230**     **Quantitative Scintigraphy of the Sacroiliac Joints**  
H. Verlooy, L. Mortelmans, S. Vleugels, and M. de Roo
- 234**     **Hepatic Arterial Color Doppler Signals in Caroli's Disease**  
Moon-Gyu Lee, Kyoung Sik Cho, Yong Ho Auh, Seung Yon Baek,  
Myung Hwan Kim, and Eun Sil Yu
- 239**     **Retroperitoneal Castleman's Tumors of Hyaline Vascular Type: Imaging Study—Case Report**  
Yutaka Inoue, Hironobu Nakamura, Kohichi Yamazaki,  
Seigo Mizumoto, Ikuo Kokubu, and Hiroshi Mori
- 243**     **Evaluation of Vascularization of Coralline Hydroxyapatite Ocular Implants by Magnetic Resonance Imaging**  
Herbert Edward Hamilton, Murray Dale Christianson,  
John Powell Williams, and Robert Allen Thomas
- 247**     **Spontaneous Intraperitoneal Rupture of Bladder with Spontaneous Healing**  
Yung-Liang Wan, Tsan-Zung Yu, Tze-Yu Lee, and  
Chung-Chueng Tsai
- 250**     **MRI Spectrum of Medulloblastoma**  
D.P. Mueller, S.A. Moore, Y. Sato, and W.T.C. Yuh
- 256**     **Sonography and Computed Tomography of a Gossypiboma and in Vitro Studies of Sponges by Ultrasound: Case Report**  
Yung-Liang Wan, Tzong-Jeng Huang, Dong-Liang Huang, Tze-Yu Lee,  
and Chung-Chueng Tsai
- 259**     **Magnetic Resonance Imaging of Retained Surgical Sponges: Case Report**  
Hiroshi Sugimura, Shozo Tamura, Yosuke Kakitsubata,  
Sachiko Kakitsubata, Osamu Uwada, Yasushi Kihara,  
Masanao Nagatomo, and Katsushi Watanabe

- 263 MRI of Dural Carotid-Cavernous Fistulas: Comparisons with Postcontrast CT**  
Akira Uchino, Kanehiro Hasuo, Shunichi Matsumoto, and Kouji Masuda
- 269 MRI versus CT and US in the Evaluation of a Patient Presenting with Superior Vena Cava Syndrome: Case Report**  
Tasneem Khimji and Jacob Zeiss

---

RADIOLOGY-PATHOLOGY CONFERENCE

- 272 An 11-Year-Old Boy with a History of AML and New Onset of Headaches**  
William D. Donovan and Antonio F. Govoni

---

EDITORIAL

- 277 Radiology of the Pleural Fissures: An Historical Perspective**  
Sheila D. Davis

---

BOOK REVIEWS

- 277 Diagnostic Ultrasound**  
Review by Yong Ho Auh
- MRI in Paediatric Neuroradiology**  
Review by Derek C. Harwood-Nash
- Progress in Radiopharmacy**  
Review by Pat Zanzonico
- Atlas of Ultrasonographic Artifacts and Variants**  
Review by Rick Feld
- Atlas of Rare Chest Diseases in Children**  
Review by Paula W. Brill

---

ABSTRACTS

- 282 Summaries of Selected Journal Articles**

---

NOTICES

- 288 A Note of Thanks**
- 289 Radiology Courses and Meetings**
- 291 Author Index to Volume 16**
- 293 Subject Index to Volume 16**

